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Page 1, after paragraph [0002], please insert new paragraph [0002.1] as follows:

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--2. Discussion of Related Art--

Page 4, after paragraph [0010], please insert new paragraph [0010.1] as follows:

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--SUMMARY OF THE INVENTION--

Page 5, after paragraph [0013], please insert new paragraphs [0013.1] - [0013.8] as follows:

[0013.1] --BRIEF DESCRIPTION OF DRAWING

[0013.2] Figure 1 is a flowchart of a device of the invention.

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[0013.3] Figure 2a is a cross section through a modular active substance testing system with devices of the invention.

[0013.4] Figure 2b is a cross section through a modular active substance testing system with three stacked planes with devices of the invention. and

[0013.5] Figure 3 is a top view of a modular active substance testing system comprising six devices of the invention.

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[0013.6] Figure 4a is an active substance concentration-time curve shown as Profiles 1 to 3.

[0013.7] Figure 4b shows the vital cells in four different cell culture containers as presented (inoculum) and as harvested cells (cell harvest).

[0013.8] DESCRIPTION OF PREFERRED EMBODIMENTS--

Please delete paragraphs [0058] - [0063].

Top page 22, delete " Method for In-vitro Testing of Active Substances, Device and Its Use"

Page 22, replace "Claims:" with "What is claimed is:"